SAFETY

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
WARNING: SHOCK HAZARD-
DO NOT OPEN

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.

WARNINGS:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

DO NOT REMOVE COVER or OPEN CASING.
Dangerous high voltages are present inside the enclosure. Do not open the casing. Refer servicing to qualified personnel only.

Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.

CLASS 1
LASER PRODUCT

LASER:

Type:	Dual semiconductor laser GaAlAs
Wavelength:	650nm and 780nm
Output Power:	7mW
Beam Divergence:	60 degrees

INVISIBLE LASER RADIATION WHEN OPEN OR INTERLOCK FAILED OR DEFEATED.

WARNINGS:

DO NOT STARE INTO BEAM. Avoid direct exposure to laser beam.

To prevent direct exposure to the laser beam, do not try to open the enclosure.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: Read and observe all warnings and instructions in this user guide and those marked on your unit. Retain this guide for future reference.

This unit has been designed and manufactured in a way that ensures your personal safety.

Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use, and servicing. This unit does not contain any parts that can be repaired by the user.

Do not remove the casing or you may be exposed to dangerous voltage. Refer servicing to qualified service personnel only.

- Read all safety and operating instructions before operating your unit.
- Keep these instructions for future reference.
- Heed all warnings on your unit and in the operating instructions.
- All operation instructions should be followed.
- Do not use this unit near water. For example, do not use this unit near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool or other areas located near water.
- Clean only with a dry cloth. Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners.
- Install in accordance with these instructions. Do not block the ventilation slots and openings in the unit, in order to ensure ventilation, and reliable operation of your unit. This will also prevent the unit from overheating.
- Do not place the unit on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless correct ventilation is provided or these instructions have been adhered to.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other electronic devices (including amplifiers) that produce heat.
- Prevent the power cord from being walked on or pinched particularly at plugs and connections.
- The power cord and mains plug should remain easily accessible.
- Use only attachments or accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with this unit. Exercise caution when moving the cart/ unit combination to avoid injury from tip-over.
- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when your unit has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled into your unit or objects have fallen into it, your unit has been exposed to rain or moisture, it does not operate normally, or it has been dropped.
- When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

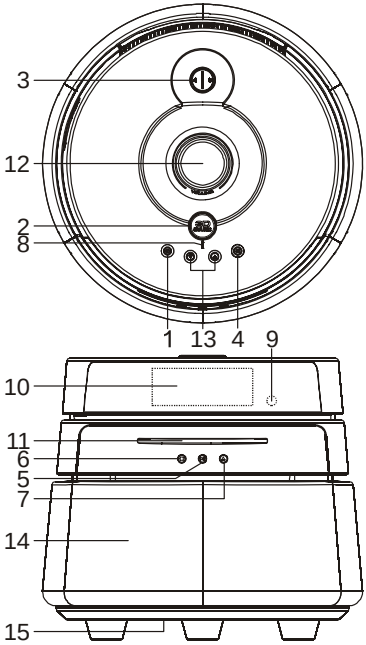
CONTENTS

SAFETY----1
IMPORTANT SAFETY INSTRUCTIONS----2
BOX CONTENTS----3
FRONT, TOP AND BACK PANEL----3-4
CONNECTIONS ----4
REMOTE CONTROL ----5
GETTING STARTED & BASIC SETUP ----6-9
3D SOUND TECHNOLOGY----9
PLAYING DVD / CD / VCD DISCS ----10-11
ADVANCED PLAYBACK FUNCTION----11-13
PLAYING MP3 / JPEG / WMA / MPEG 4 FILES----13-14
AUDIO CD RIPPING (ENCODING IN MP3 FORMAT)----14-15
LISTENING TO THE RADIO----15
TROUBLESHOOTING GUIDE ----16
TECHNICAL SPECIFICATIONS----17

BOX CONTENTS

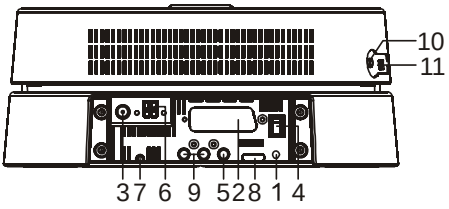
- DVD Micro System
- FM antenna and AM loop antenna
- Remote control
- RCA audio cable (red/white)
- RCA video cable (yellow)
- Instruction manual

FRONT, TOP AND BACK PANEL



Front and top panels

1. ⏻ (standby) button
2. **3D SOUND** button
3. **BALANCE** ◀/▶ buttons
4. **S** (SOURCE) button
5. ▶II PLAY/PAUSE button
6. ■ STOP button
7. ⏏ OPEN/CLOSE button
8. Standby mode LED indicator
9. Infrared Receiver Window (**IR**)
10. LCD Display
11. Disc slot
12. **VOLUME** dial
13. **AMBIENCE** ▲/▼ level buttons
14. Speakers (6x)
15. Subwoofer



Back panel

1. Power cord (**AC~**)
2. **SCART OUTPUT** socket
3. FM antenna output (**FM 75 ohm**)
4. POWER **ON/OFF** switch
5. Video output
6. Connector for AM loop antenna
7. **AUX IN** jack
8. HDMI output
9. Audio input L/R
10. Earphones jack
11. USB port

Note:
First remove the cover to gain access to the back panel

CONNECTIONS

Connecting to the TV

The way in which the main unit is connected and the kinds of cables used can make a noticeable difference in picture quality. Before selecting one of the options, please make sure that any other equipment has the required input/output connections. Use any of the options below:

Different options for connecting your DVD player to a TV				
Output(s)	**Picture quality**	**Cable**	**Cable supplied** (Yes/No)	**Video mode** (Press the **HD RES** button on the remote control)
SCART	Normal	SCART cable	No	480P/576P (TV-RGB)
Composite **VIDEO** output	Normal	Video cable (yellow)	**Yes**	480P/576P (TV-RGB)
HDMI	Excellent	HDMI cable	No	720P, 1080i, 1080P)

Press the **HD RES** button on the remote control will automatically set to the optimal resolution for your TV.

AUDIO INPUTS

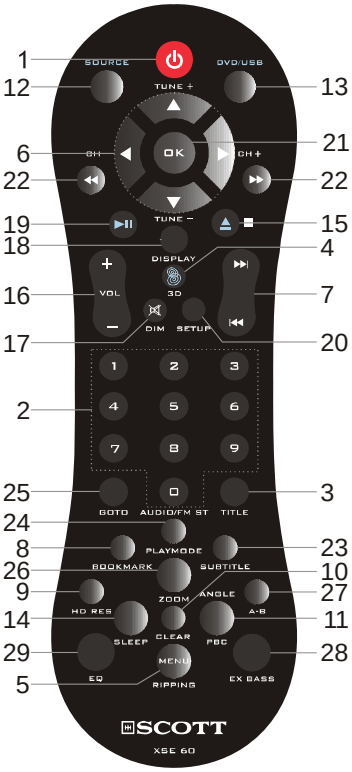
You can connect an external appliance (for example a VCR or satellite receiver) in order to listen to the sound on the speakers of this unit. In order to do so, use a red and white RCA audio cable (supplied) to connect the audio outputs on the external appliance to the left/right audio inputs on the DVD micro system. Then press the **SOURCE** button to select “AUX” mode.

AUX IN

You can use your DVD micro system to amplify the sound from your external audio device (such as an MP3, CD or MD player). In order to do this, connect the **AUX IN** jack of this unit to the headphones output of your audio device using an audio cable (not supplied). Then press the **SOURCE** button to select “AUX” mode.

Note: Do not connect both RCA left/right audio inputs and AUX IN jack at the same time as both signals would be mixed,

REMOTE CONTROL



1. ⏻ (standby): Switch the unit on or place it in standby mode.
2. **0 - 9** (number keys): In DVD/VCD/CD mode, use these buttons to enter the title, chapter, track and time search selections. In radio mode, use these buttons to enter a preset station.
3. **TITLE**: Display the title menu if available on the DVD disc.
4. **3D**: Display the 3D sound menu.
5. **MENU/RIPPING**: 1) In DVD mode, press this button to display the disc menu. 2) When PBC mode is on, press this button to view a VCD disc menu. 3) In CD mode, Convert CD audio files into MP3 digital files and save them on a USB flash drive.
6. ◀ / ▶/▲ /▼ (**CH-/CH+/TUNE+/TUNE-**) Navigation buttons- 1) Press these buttons to move the cursor in the menus.
   2) Flip or rotate a picture. -3) Move within the picture in zoom mode.
   4) **Tuner mode**: Press ▲ /▼ to change the radio frequency. Press ◀ / ▶ to change the radio station.
7. ⏮/⏭: Skip backward/forward to the previous/next chapter in DVD mode or track for CD/VCD mode.
8. **BOOKMARK**: Display the bookmark menu.
9. **HD RES**: Select the HDMI output resolution.
10. **ZOOM/CLEAR**: 1) Select different zoom ratios during playback. 2) Clear the information you have entered.
11. **ANGLE/PBC**: 1) Select different viewing angles (if available on disc). 2) Turn PBC ON or OFF on a VCD/ SVCD disc.
12. **SOURCE**: select a mode in the following order: “DVD”, “USB”, “AUX”, “FM RADIO”, “AM RADIO”.
13. **DVD/USB**: Select DVD or USB mode.
14. **SLEEP**: Set your unit to go into standby mode automatically after a preset duration.
15. ⏏/ ■ OPEN/CLOSE, STOP,: Open or close the disc, Stop playback,.
16. **- VOL +**: Increase or decrease the volume.
17. (MUTE**)/DIM** (DIMMER): Press to mute or restore the sound output from the speakers/ Press and hold to dim the brightness of the display.
18. **DISPLAY**: Display current playback information.
19. ⏯: Play/Pause playback.
20. **SETUP**: Enter or exit the system setup menu.
21. **OK**: Confirm the selection.
22. ◀◀/▶▶: DVD mode - Fast search backward or forward. Radio mode – Auto scan.
23. **SUBTITLE**: Select a different subtitle language.
24. **AUDIO/FM ST**: 1) in DVD mode, select different languages (if available on the disc). For VCD discs, this option also enables you to select one of these audio modes: (“STEREO”,”MONO L”, “MONO R” and “MIX MONO”). 2) In FM mode, select mono or stereo.
25. **GOTO**: Display the search menu to search for a specific title, chapter, track or time on a disc.
26. **PLAYMODE**: Select different play modes: program, random or repeat.
27. **A-B**: Set point-to-point repeat playback or to clear repeat mode.
28. **EX BASS** (EXTRA BASS): Boost the bass effect.
29. **EQ**: Select an EQ mode: “FLAT”, “ROCK”, “POP”, “CLASSIC” or “JAZZ”.

GETTING STARTED & BASIC SETUP

GETTING STARTED

Power supply for the unit

1. Carry out the connections for the unit as shown in “CONNECTIONS”.
2. Insert 2 AAA batteries (supplied) into the battery compartment in the remote control, taking care to follow the correct polarities.
3. Connect the power cord to an AC mains outlet. Set the power **ON/OFF** switch located at the back of the unit to the “ON” position and press the ⏻ button on the unit or on the remote control to turn on the unit.

Notes:

· The protective disc will be automatically ejected for first time use.

· The unit is fitted with a cooling fan and it is therefore normal to hear the fan when the unit is turned on.

4. Turn on the TV and set to the correct video-in source.
5. To go to the standby mode, press the ⏻ button on the remote control or on the unit. If the unit is not to be used for a long time, please disconnect the power cord.

Notes:

· The effective distance for remote control operation is about 5 meters.

· Replace the batteries when the remote control operating distance starts to reduce.

· If the remote control is not to be used for a long time, remove the batteries to avoid damage caused by battery leakage.

Precautions when using batteries

1. Use only the size and type of batteries specified.
2. Ensure that you follow the correct polarities marked in the battery compartment when installing the batteries. Reversed batteries may damage the remote control.
3. Exhausted batteries must be removed to prevent possible battery leakage.
4. Dispose of batteries properly according to environmental regulations.

Inserting a disc

1. Press the **S** button on the unit or the **SOURCE** or **DVD/USB** button on the remote control to select DISC mode.
2. Insert a disc, press the ⏏ button on the front panel or on the remote control to close the disc. The unit will read the disc and start to play it, or it will display a start menu.

Inserting a USB device (in DVD mode)

· Insert a USB device in the USB port on the unit. If a disc is inserted, press the **DVD/USB** button on the remote control to select USB mode. The player will automatically play the files contained in the USB device.

Notes:

· Please ensure the USB device has been properly inserted in the USB port.

· This unit cannot support NTFS format. If the device does not work with this unit, please check the file system and format it in FAT or FAT32.

Although you can watch a movie immediately, to get the best from this unit, it is recommended that you carry out the basic setup first.

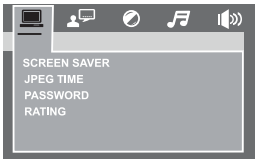
BASIC SETUP

Press the button to turn on the unit and press the **SETUP** button when no disc has been inserted or in stop mode to enter the SYSTEM SETUP menu.

Basic Operation

1. Press ◀ or ▶ to select one of the menus below (icons at the top of the display):

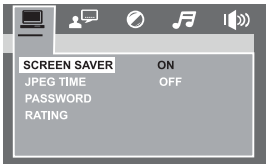
· SYSTEM SETUP
· LANGUAGE SETUP
· VIDEO SETUP
· AUDIO SETUP
· SPEAKER SETUP



2. Press ▲ or ▼ to select different settings in a menu. Press ▶ or OK to confirm the setting.
3. Press ▲ or ▼ to select a new setting, then press OK to confirm the new setting.
4. Repeat steps 1 to 3 to change any settings.
5. Press the **SETUP** button to exit setup.
   For more details, please refer to the next chapters.

1. SYSTEM SETUP

1.1 "SCREEN SAVER"

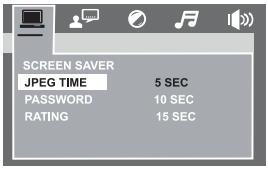


Use this setting to turn the screen saver option on or off. If you turn the screen saver on, the screen saver image appears when you leave the player in pause or stop mode more than 3 minutes. It protects the television screen from being damaged.

On: To turn screen saver on.

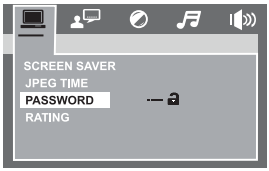
Off: To turn screen saver off.

1.2 JPEG TIME



Select the slide show interval (5 SEC, 10 SEC, 15 SEC) between each picture while playing the picture CD.

1.3 PASSWORD & RATING



Many DVD movie discs contain Motion Picture Association rating codes.
This DVD Player will recognize the codes on these discs, providing a method to prevent children from viewing films which are not suitable for them.

1 (Kid safe): Suitable for all audiences.

2 (G): Suitable for general audiences.

3 (PG): Parental guidance suggested.

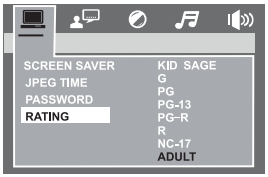
4 (PG-13): Parental guidance suggested, unsuitable for children under 13.

5 (PG-R): Parental guidance recommended - brief scenes containing mature language or situations.

6 (R): Restricted - violence, adult language and situations unsuitable for young viewers.

7 (NC 17): Adult theme or content, not suitable for children under 17.

8 (Adult): Adult themes, language and nudity. Select this level of control to switch off parental control.



1. Press ▲ or ▼ to highlight "Rating", then press ▶. Select a parental control level and press **OK**.
2. Press ▲ or ▼ to select Password and press ▶. Use the number keys (0-9) to enter the four-digit password and press **OK** to confirm. The system is locked again, which means that the parental control function is switched on.
3. In the SYSTEM SETUP menu, press ▲ or ▼ to highlight "Password" and press ▶. Use the number keys (0-9) to enter the four-digit password and press OK to confirm. The system is unlocked, which means that you can adjust the setup for parental control. If a mistake is made before pressing **OK**, press the **CLEAR** button and enter the 4-digit password again. DVD discs that are rated above the selected level will not play.
   To change the password, first unlock the system by entering the old password, then enter the new password.

   Indicates that the parental lock is NOT active.

   The parental lock is active.

Notes:

- The rating levels are only functional when the parental lock is active.
- The rating levels can only be changed when the parental lock is not active.
- If you forget the password, enter "76418" when no disc has been inserted in the player. The factory password settings will then be restored.

2. LANGUAGE SETUP

You can select different languages for the setup menu. You can also select different languages for the audio, subtitles, and disc menu, according to the languages available on the DVD.

2.1 OSD LANGUAGE

Select the on screen display language.

2.2 AUDIO LANG

Select the audio language.

2.3 SUBTITLE LANG

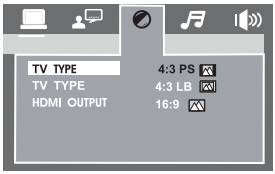
Select the language for the subtitles displayed on the TV screen.

2.4 MENU LANG

Select the disc menu language.

3. VIDEO SETUP

3.1 "TV TYPE"



"4:3 PS" Select this format if the unit is connected to a normal TV. The left and right edges of the widescreen images are cut so that the image can be displayed in full screen.

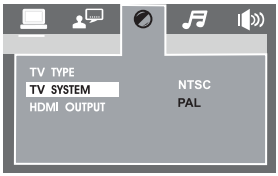
"4:3 LB" Select this format when the unit is connected to a normal TV. Widescreen images are shown on screen, with black bands on the top and bottom.

"16:9" Select this format when the unit is connected to a widescreen TV.

Notes:

- Some discs may not be able to play your selection, due to the format in which the DVD was recorded.
- A disc recorded in 4:3 format will only play in 4:3 format.
- The TV format should correspond to your TV.

3.2 "TV SYSTEM"



This player supports two different TV systems: NTSC or PAL. The setting of the unit can be changed to match your TV.

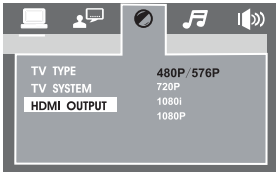
"NTSC": Select this system if your television supports the NTSC color system used in North America.

" PAL": Select this system if your television supports the PAL color system used in Europe and Asia.

3.3 "HDMI OUTPUT"

This function allows the user to select the screen resolution for HDMI output.

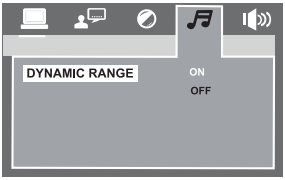
Note:



- If your TV or monitor does not support HDCP, a blue screen without a picture appears when playing DVD discs which are protected by copyright.
- The HDMI output options depend on the TV system selected (PAL or NTSC).
- See your TV instruction manual for more information on how to select the video input source.
- Please make sure your HD TV supports the high resolution selected.
- You can easily set the optimal resolution automatically by pressing the HD/RES button on the remote control.

4. AUDIO SETUP

4.1 DYNAMIC RANGE



Reduces large variations in volume for night-time listening.

On: Loud sounds are turned down slightly.

Off: Sounds are played as they were recorded on the disc.

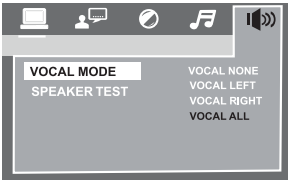
5. SPEAKER SETUP

5.1 VOCAL MODE

When playing karaoke discs, you can select one of the following vocal effects: **VOCAL NONE**, **VOCAL LEFT**, **VOCAL RIGHT** and **VOCAL ALL**.

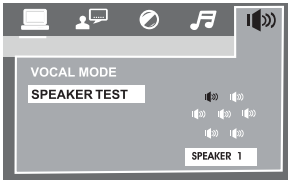
Note:

This function is not available for some karaoke discs.



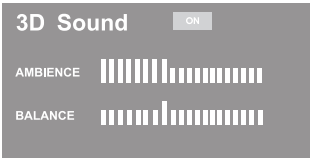
5.2 SPEAKER TEST

Press ▶ to highlight an icon, the corresponding name (speaker 1, ... speaker 6 or subwoofer) is displayed and a test tone will be produced from that speaker. Repeat the procedure to test the other speakers. Press ◀ or **OK** to exit the test.



3D SOUND TECHNOLOGY

3D Sound technology uses wavefield synthesis and soundfield reproduction to eliminate the physical dimensions of a room and transform it into a virtual soundfield. With wavefield synthesis sonic waves are produced and dispersed throughout the listening room through 6 speakers and one speaker subwoofer ensuring localization of virtual sound sources does not depend on the listener's position. As in a natural environment real sounds are heard within the room regardless of the device positioning.



3D sound

During playback, press the 3D button on the remote control to display the sonic emotion sound menu. The following options are available. Use the ▲ /▼ buttons to select a setting and use ◀/ ▶ buttons to adjust. After setting, press the 3D button again to confirm and exit the menu.

3D Sound: ON/OFF – Turn the 3D sound effect on/off.

When the 3D sound is turned on, you can adjust the ambience and balance.

Ambience: Enhance the surround sound effect.

Balance: Adjust the balance (left and right).

Note:

You can also use the **3D SOUND**, **AMBIENCE** ▲ /▼ and **BALANCE** ◀/ ▶ buttons on the unit to access above settings.

PLAYING DVD / CD / VCD DISCS

1. ▲ (Open / Close)

Note: Load the disc on the disc slot with disc label facing upwards.

- The unit will start playback automatically. Press the ▲ button to eject the disc.

2. (Play/Pause)

- Press to start or pause playback.

3. ◀◀ / ▶▶ (Backward / Forward Search, Slow Motion)

- Press ◀◀ / ▶▶ to search backward or forward. Press ▶II to resume normal playback speed. Each time the ◀◀ or ▶▶ button is pressed, the playback speed changes in the following sequence: x2, x4, x8, x20.
- In pause mode, press ▶▶ to start forward slow motion play according to the following sequence: 1/2, 1/3, 1/4, 1/5, 1/6, 1/7. Press ▶II to resume normal playback.

  Note: Slow motion is not applicable to CD playback.

4. I◀◀ / ▶▶I (Skip Forward/Backward)

When a disc is playing, you can skip backward/forward to the next track or chapter.

- Press the I◀◀ button to skip to the beginning of the previous chapter or track.
- Press the ▶▶I button to skip to the beginning of the next chapter or track.
- For audio CD discs, use the number buttons to directly jump to a track number.

5. ■ (Stop)

- Press ■ once to stop the current playback instantly and enter the “Resume Play” mode. Press ▶II to resume playback from the point where the disc was stopped.
- Press ■ twice to stop playback completely. It is now impossible to resume playback from the place where playback was stopped. Press ▶II again to start playback from the beginning of the disc.

6. MENU

- Press to display the disc menu.

  Notes:

  This button has no function during playback of an audio CD.

  For VCDs, this function is only available in PBC ON mode.

7. TITLE

- Press to display the title menu if available on the disc (DVD only).

8. ZOOM

The picture size can be magnified or reduced during playback.

- When a disc is playing, press the **ZOOM/CLEAR** button. Each time the **ZOOM/CLEAR** button is pressed, the ZOOM settings will be changed as follows:

  ZOOM 2 —> ZOOM 3 —> ZOOM 4 —> ZOOM 1/2 —> ZOOM 1/3 —> ZOOM 1/4 —> ZOOM: OFF
- While an image is magnified, use the ◀ , ▶, ▲ ,▼ keys to pan the image for viewing.
- To return to the normal view, press the **ZOOM/CLEAR** key until the message ZOOM: OFF is shown. The screen will return to normal.

  Note: In HD video mode, zoom function does not work for JPEG files.

9. ANGLE/PBC

ANGLE (change the viewing angle on a DVD)

Different viewing angles can be selected when playing a DVD disc that contains scenes recorded from multiple angles.

- Press **ANGLE/PBC** repeatedly to select different viewing angles if available on the disc.

PBC (VCD/SVCD)

- When a VCD/SVCD is playing, press **ANGLE/PBC** repeatedly to switch between PBC ON and OFF.
- If PBC ON is selected, the disc menu (if available) will appear on the TV. Use the number keys (0-9) to select the options in the menu.

10. AUDIO (select the audio languages available on the disc)

During playback, different audio languages can be selected.

- When a disc is playing, press **AUDIO/FM ST** to show the current audio language.
- Press repeatedly to select the desired audio language.

Notes:

- Press this button to select an audio output (STEREO, Mono L, Mono R, MIX MONO) when playing a VCD.
- There will be no sound output when a DTS audio format is selected if a DTS disc is playing.

11. SUBTITLE (select the subtitle languages available on the disc)

During playback, you can change the subtitle language or disable the subtitle function.

- While a disc is playing, press **SUBTITLE** to show the current subtitle language.
- Press repeatedly to select the desired subtitle language.

Notes:

- This function can only be used for discs on which different subtitle languages have been recorded.
- The number of languages recorded may be different depending on the disc.

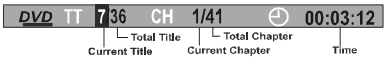
ADVANCED PLAYBACK FUNCTIONS

1. DISPLAY function

While the disc is playing, press **DISPLAY** to display the playback information available, depending on the disc.

2. GOTO function

This function allows you to select any point on the disc and to start playback from this point.



2.1. Selecting a Specific title/chapter for a DVD or track for a CD/VCD

You can select any specific title/chapter/track and start playback from this point by directly selecting it.

- Press **GOTO**.
- Press ◀ or ▶ to highlight the title / chapter / track field and press the corresponding number key **0 - 9**.
- Press **OK** to confirm. The unit will then start playback from the selected position.

Note: Press **ZOOM/CLEAR** to cancel a selection.

2.2. Locating a specific time

A specific time can be selected by directly entering the time (hours, minutes, seconds).

- Press **GOTO**.
- Press ◀ or ▶ to highlight the time.
- Using the number keys, directly enter the time when playback should start.
  - The first two digits are for the hours.
  - The next two digits are for the minutes.
  - The last two digits are for the seconds.
- After entering the time, press **OK** to confirm. The unit will then start playback from the selected time.

Notes:

- Some discs may not allow use of this function.
- Some scenes may not be located as precisely as specified.
- This method for accessing a specific location is available only within the current title of the DVD disc or current track of the CD.
- For VCDs, this function only works if PBC is off.
- Press **ZOOM/CLEAR** to delete any mistakes.

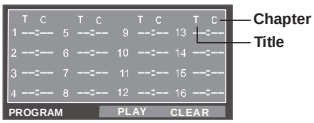
3. Programming playback

Contents of the disc can be played in a selected order.

- Press the **PLAYMODE** button.
- When "MODE" is highlighted, use ◀ or ▶ to select "PROG" mode. Then press **OK** to confirm.
  Note: During VCD/SVCD playback, the function is only available when PBC is OFF.

3.1. DVD Programming

- Enter the title numbers in ▬ (2 digit format, e.g. 01). Use the ◀ / ▶ buttons to highlight the chapter number and enter the chapter numbers in two digits.
- Use ▲ ,▼, ◀ or ▶ to move to another field.
- Repeat the above steps for the next titles/chapters.
- Press ▶II or highlight **PLAY** on the screen and press **OK** to start the programmed playback.



3.2. CD/VCD/SVCD Programming

- Enter the track numbers of your choice (two digits).
- Refer to the previous section to program the tracks of your choice.

3.3. Clear the Programs

- Highlight the current field on the screen and press **ZOOM/CLEAR** to delete the program.
  Note:
- Highlight "CLEAR" on the PROG screen and press **OK** to delete all programs.

4. Random playback

Chapters in a DVD and tracks in a CD/VCD can be played in random order.

- Press the **PLAYMODE** button.
- When MODE is highlighted, use ◀/ ▶ to select RANDOM mode. Then press **OK** to confirm.
  Note:
- This function is only available with VCDs when PBC is off.

5. Repeat playback

A specific title, chapter or track can be played repeatedly.

Note: During VCD / SVCD playback, repeat playback is only available when PBC is OFF.

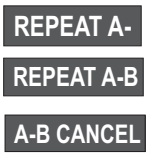
5.1. Repeating a Title/Chapter/Track/All disc

- Press the **PLAYMODE** button, then use ▲ /▼ to select the REPEAT option.
- Use the ◀/ ▶ button to select the repeat mode and press **OK** to confirm.
  For DVDs: "OFF" > "Chapter" > "Title"
  For CD /VCD/SVCD Disc: "OFF"> "REP 1" > "REP All"
  For MP3 / JPEG / WMA files: "OFF">"REP DIR">"REP 1">"REP All"

5.2. Repeating a Specific Section

A-B repeat playback allows a specific section to be repeated.

- While the disc is playing, press the **A-B** button to set the beginning of the section (point A) to be played repeatedly.
- Press the **A-B** button again to set the end of the section (point B) to be played repeatedly.
- The unit will then immediately begin replaying the selection (A to B) repeatedly.
- Press the **A-B** button again to clear the programmed repeat playback and return to normal playback.



Note:

- The A-B repeat function can only be used within the same title or track. If points A and B are defined
- in different titles or tracks, A-B repeat is cancelled.

6. VCD/SVCD playback control

While a VCD / SVCD is playing, press **ANGLE/ PBC** repeatedly to switch PBC (Playback Control) on or off.

- If PBC ON is selected, the disc menu (if available) will appear on the TV. Use ⏮/⏭ or the number keys (**0-9**) to select an option.
- Press **MENU** to return to the disc menu when PBC is on.

7. Bookmark

The bookmark feature allows you to mark a specific point.

7.1. Creating a Bookmark MARK ---------- TT 11 CH 1 00:03:21

- During DVD / CD / VCD playback, press **BOOKMARK** to access the bookmark menu.
- Press **OK** to add the first bookmark, then use the ◀/ ▶ buttons to move the cursor and press **OK** to add additional bookmarks.

7.2. Recalling a Bookmark MARK 12---------- TT 11 CH 1 00:03:21

- During playback, press **BOOKMARK** to access the bookmark menu.
- Use the ◀/ ▶ button to highlight the desired bookmark and press **OK** to play from the bookmark point. Press **ZOOM/CLEAR** to delete the highlighted bookmark.

Note:

- This function is only available with VCDs when PBC is off.

PLAYING MP3 / JPEG / WMA / MPEG 4 FILES

1. ⏯ (Play/Pause)

- Press to start or pause playback.

2. ⏮/⏭ (Skip)

- Press to skip to the next/previous file.

3. ■ (Stop)

- Press to stop playback and display the selection menu (JPEG and movie files).

Note:

Press ⏯ to play from the beginning.

4. ZOOM

- Press to zoom into the picture when playing JPEG or MPEG4 files.

5. Navigation

- Press the navigation keys(▲ , ▼, ◀ , ▶) to select a file and then press **OK** to start playback.

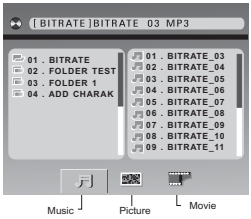
6. Audio (MPEG4)

- During playback, press **AUDIO/FM ST** to show the current audio language.
- Press repeatedly to select the desired audio language.

7. ROTATE/Flip (for JPEG files only)

- During the playback of JPEG files, press ◀/ ▶ to rotate or ▲/ ▼ to flip the picture.

Selection Menu



The selection menu will appear when MP3/ WMA/JPEG/MPEG4 files are read. All the folders will appear on the left hand menu and will be numbered in ascending order. When one of the folders is highlighted, all the contents of the folder will be displayed on the right side of the menu. You can display one type of file (music, pictures or films). Use the navigation keys to highlight the icon corresponding to the type of file that you would like to select (music, image or film). These icons can be found at the bottom of the selection menu. Press **OK** to confirm. Then select the files of your choice and press **OK** or ▶II to start playback.

[MUSIC] — MP3 / WMA files

The unit will play the MP3 / WMA file currently selected. It will then play all the files in the sub-folders contained within the current folder. After that, the unit will play the remaining folders on the disc.

[PICTURE] — JPEG files

Press ▶II, and the unit will start a slideshow from the JPEG file currently selected. Then you can zoom or rotate the displayed pictures. You can also select a folder and display all the files in that folder. Select the folder of your choice and press the ▶II button.

[MOVIE] — MPEG 4 Files

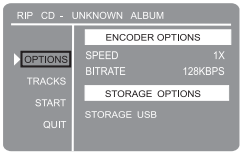
The unit will read the file currently selected.

Notes:

- WMA, MP3, JPEG and MPEG4 files cannot be played simultaneously.
- The highlighted icon at the bottom of the menu indicates what kind of file is playing.

AUDIO CD RIPPING (ENCODING IN MP3 FORMAT)

With this player, you can record your favorite CD music to a USB device with MP3 format.



1. Check that the USB device has been properly connected.
2. Insert a CD disc that contains the music you want to record into the disc tray.
3. Use the **DVD/USB** button on the remote control to select the disc mode.
4. Press the **RIPPING** button on the remote control, the CD RIPPING menu is then displayed on the screen.

- In the **OPTIONS** menu, use ▲ , ▼, ◄ , ► to choose an option and then press **OK** to change the settings.

ENCODE OPTIONS

SPEED: Set the encoding speed between 1X and 4X.

BITRATE: You can choose one of the following bitrates: “128KBPS”, “160KBPS”, “192KBPS”, “256KBPS” and “320KBPS”. The sound quality of the MP3 files depends on the compression rate that you choose. In order to obtain audio quality similar to that of a CD, use a sampling rate between 128 Kbps and 160 Kbps. Use of a higher rate, such as 192 Kbps or more, rarely gives better quality. Conversely, files with a decompression rate lower than 128 Kbps are not of sufficient quality.

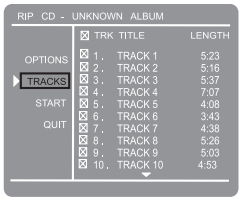
FILE OPTIONS

CREATE ID3 TAG: This option allows you to create ID3 tags, if available on the disc.

CREATE PLAYLIST: This option allows you to create a playlist under the name “Unknown Album.m3u”. This list includes all the recorded tracks and can be played on a PC.

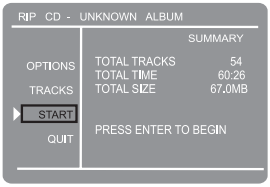
STORAGE OPTIONS

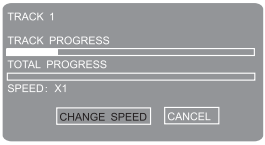
This source on which you record the tracks: USB.



- In the **TRACKS** menu, the default is to record all the tracks that have a “cross” mark in the box next to them. You can uncheck all the tracks or several tracks of your choice. In order to do this, you can use ▲ or ▼ to select the track that you do not want to record and then press **OK** to confirm deletion.

- In the **START** menu, you can check the total tracks, total time and total size that you want to record.
  Press **OK** to start playing and encoding the selected tracks.
- The track progress bar and total progress bar will display on the screen indicating the encoding progress.
- During encoding, highlight "**CHANGE SPEED"** and press **OK** to change the encoding speed. If you select the encoding speed 4X, the sound will be muted.
- Highlight "**CANCEL"** and press "**OK"** to stop encoding.
- " **FULL"** appears if the storage space on the USB device is full. When encoding is complete, press **OK** to confirm.
- Highlight **QUIT** and press **OK** to exit the CD RIPPING menu.
- All the tracks are saved in the folder named "Unknown Album".
  Notes:
- If "USB ERROR" appears during CD ripping, or the MP3 files cannot be read after ripping, please format the USB device in FAT or FAT32 and then start the ripping again.





LISTENING TO THE RADIO

Important:

Make sure the FM and AM antennas are connected and FM antenna is extended. You can program up to 20 each FM and AM radio stations for easy recall.

To search for a radio station

1. Press the ⏻ button to turn on the unit.
2. Press the **SOURCE** button repeatedly to select FM or AM mode.
3. Tune to the radio station using one of the following methods:

- Manual Tuning — Press ▲/ ▼ repeatedly on the remote control until the desired frequency is reached.
- Automatic Tuning— Press the ◀◀ / ▶▶ button on the remote control to activate the AUTO SCAN function. The unit will stop on any radio station found. Repeat this process until the unit stops at the desired station.

To store a radio station

1. If you would like to store the current station, press the **OK** button and the frequency flashes on the display.
2. Press ◀ / ▶ or use the remote control number keys to select the preset station number that you want to allocate to this station.
3. Press **OK** again to store the radio station under this channel number. The radio station is now memorized.
4. Repeat the above steps to store up to 20 radio stations.

   Note:

   When you tune to an FM station with a weak signal manually, press **AUDIO/FM ST** on the remote control to switch from stereo mode to mono mode to reduce the background noise.

To recall a memorized radio station

Press ◀ / ▶ on the remote control or ⏮/⏭ on the front panel to recall a memorized radio station.

TROUBLESHOOTING GUIDE

If it appears that the unit is faulty, first consult this checklist. It may be that something simple has been overlooked.

Note:

Under no circumstances should you try to repair the unit yourself as this will void the warranty. Only qualified service personnel should remove the cover or service this unit.

NO POWER

- Check that the player is switched on.
- Check if the power cord is properly connected.
- Check the position of the **ON/OFF** switch

NO PICTURE

- Check if the TV is switched on.
- Check if the correct AV input is selected on the TV (refer to the TV manual for more details) and correct VIDEO output is selected on this unit.
- Check the video connection between the player and TV.

NO PICTURE AT HDMI OUTPUT.

- Check if the HDMI input is selected on your TV.
- Check if the HDMI resolution selected corresponds to resolution of your HD TV.
- Check if your HD TV supports HDCP.

BAD QUALITY PICTURE

- Check the disc for fingerprints and clean with soft cloth, wiping from the center to the edge.
- A small amount of picture distortion may sometimes appear-this is not a malfunction.
- Check if the disc format is compatible with the TV (PAL/NTSC).

BLACK AND WHITE PICTURE

- Check if the disc format is compatible with the TV (PAL/NTSC).
- Check that DVD player is not connected to the TV through the VCR.

PICTURE INTERFERENCE

- Relocate the unit further away from possible sources of interference or emission (e.g. radio, power amplifier, radiator etc.).

RADIO RECEPTION IS POOR

- Check that the antenna is connected correctly.
- Move the antenna to another location and adjust its position to obtain the best signal reception.
- Tune to the correct radio station frequency.
- Place the antenna further away from any equipment that may be causing the noise or interference.

THE PLAYER DOES NOT RESPOND TO THE REMOTE CONTROL

- Aim the remote control directly at the sensor on the front of the unit.
- Avoid all obstacles which may interfere with the transmission path.
- Inspect and/or replace the batteries.

NO SOUND

- Check audio connections if an external source is being used.
- Clean the disc.
- Check if the disc is defective by trying another disc.

DISC CANNOT BE PLAYED

- Ensure disc is placed properly into the disc tray.

YOU HAVE FORGOTTEN THE PASSWORD

- Under DVD mode with NO DISC in the unit, press“76418" on the remote control to clear the password.

RESTORE THE FACTORY DEFAULT SETTINGS

- In DVD mode with NO DISC in the unit, press“76000" on the Remote Control to reset the DVD player to the default settings. The unit will switch to standby mode automatically.

IMPROPER FUNCTIONING

- The normal function of the product may be disturbed by external interference. Just reset the product by disconnecting and reconnecting the power cord.

HDMI Compatibility

- HDMI is continually evolving to meet the needs of the market. Any symptoms of compatibility problem with your apparatus such as incorrect color space that may not be the fault of this unit can probably be resolved with a firmware update from the manufacturer.
- If you do have questions, please visit the following HDMI official FAQ web-site: http://www.hdmi.org/learningcenter/faq.aspx.

TECHNICAL SPECIFICATIONS

Power supply	AC 230V ~ 50 Hz
Max power Consumption	120 Watt
Standby power consumption	0.54 Watt
Speaker output (RMS) / impedance	6x 5 W/8 Ohm
Subwoofer output (RMS) / impedance	30 W/6 Ohm
Discs and files supported	DVD-Video, DVD+R/RW DVD-R/RW, CD-DA, CD-R/RW, MP3, JPEG, VCD2.0, MPEG 4, Xvid (.avi) The zone this player can play discs from zone "2". This indication must be marked on the DVD disc label.
TV system	PAL/NTSC
Video out	Composite video 1.0 Vp-p 75 Ohm
Audio in	Analog audio out 2.0Vp-p (RMS)
Frequency Response	20Hz -20KHz approx. 3dB
Tuner	FM AM
Frequency Range	87.5-108 MHz 531-1620 kHz
S/N Ratio	50 dB 25 dB
Stereo separation	28 dB
Terminals	Video (composite) output x 1 Scart output x 1 HDMI output x 1 Audio inputs (left, right) x 1, AUX input 3.5mm x 1
USB Port Type	2.0
Maximum Capacity supported by the USB Port	8 GB Some external hard disks may not be supported (particularly if they are not in FAT32 format). Detecting and scanning the hard disk may sometimes take a few minutes.
Dimension	305 (L) X 305 (W) X 273 (H) mm
Weight (full package)	Approx 8 Kg

Note: Due to continuing improvements, these technical specifications are subject to change without notice.
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If at any time in the future you should need to dispose of this product please note that waste electrical products should not be disposed of with household waste. Please recycle where you nearest recycling centre is. Check with your local authority or retailer for more details. (Waste Electrical and Electronic Equipment Directive).